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Graver the Pale				Application Number	10/604,512		
TRANSMITTAL FORM			Filing Date	July 28, 2003 Masuhiro Natsuhara			
			First Named Inventor				
(to be used for a	II согтевро	ndence after initial	filing)	Art Unit	(to be assigned)		
,				Examiner Name	(to be assigned	ed)	
Total Number of I	Pages in T	his Submission	21	Attorney Docket Number	39.018-AG		
			ENC	LOSURES (Check all tha	t apply)		
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement			Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addr Terminal Disclaimer Request for Refund CD, Number of CD(s)	After Allowance communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below):			
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Date September 30, 2003			7 ()				
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App. No. : 10/604,512

Confirmation No. 1511

Applicant

Masuhiro NATSUHARA, et al.

Filed

July 28, 2003

Tech. Cntr./Art Unit

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Examiner

Docket No.

39.018-AG

Customer No.

29453

Honorable Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This constitutes an Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.98. The attached document listed on the accompanying Form PTO/SB/08A is hereby brought to the Examiner's attention in the patent application identified above. A copy of Form PTO/SB/08A accompanies this paper.

<u>REMARKS</u>

The presently submitted reference is not in English.

Concise Explanation of Relevance/Copy of Translation Pursuant to 37 C.F.R. § 1.98(a)(3)

A concise explanation of the relevance of this reference is incorporated into the specification in the present application at page 2, paragraphs [0005] & [0006].

Furthermore, a machine-translated abstract, available through the Japanese Patent Office Web site, is attached to the front of this reference.

App. No. 10/604,512 IDS Submission

The Examiner is respectfully requested to consider this reference, and to indicate so on the accompanying Form PTO/SB/08A and make the document of record in the present application.

Respectfully submitted,

September 30, 2003

James W. Judge

Registration No. 42,701

JUDGE PATENT FIRM

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Complete if Known Substitute for form 1449A/PTO **Application Number** 10/604,512 INFORMATION DISCLOSURE July 28, 2003 Filing Date Masuhiro Natsuhara STATEMENT BY APPLICANT **First Named Inventor** Art Unit (use as many sheets as necessary) Examiner Name Attorney Docket Number 39.018-AG of Sheet

			U.S. PATE	NT DOCUMENTS		
Examiner Cite Initials No. 1		Document Number Number - Kind Code ² (if known	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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FOREIGN PATENT DOCUMENTS						
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English language Translation is attached.

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